

W8LMI

Three-way, compact line array element

features

- ▶ Mini, three-way line array element
- ▶ Hybrid™ dual 8"(200mm) LF+MF configuration (-3dB @ 60Hz)
- ▶ LF+MF – 100dB @ 1W, 1m (single cabinet)
- ▶ Twin 1" (25mm) HF horn – 106dB @ 1W, 1m (single cabinet)
- ▶ Consistent 100° (-6dB) horizontal mid and HF pattern control
- ▶ Passive or bi-amp operation
- ▶ 12 ohm system impedance, up to 4 cabinets on one amplifier channel
- ▶ Integral rigging system with variable splay angles
- ▶ 7:1 safety factor with arrays of up to 12 cabinets
- ▶ Compatible with W8LM flying frame and lifting bar
- ▶ Display™ array optimisation software
- ▶ Loudspeaker management preset files for a wide variety of configurations



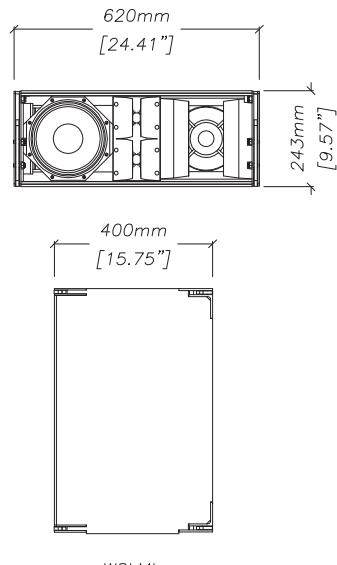
applications

- ▶ Suited to the requirements of fixed installations

The W8LMI is a compact line array enclosure designed to bring line array performance to small and medium scale applications in the fixed installation market. It features the same acoustic components and construction as the touring W8LM as well as a custom-designed integral flying system tailored to the needs of a fixed installation environment, such as theatres and indoor venues. The flying hardware is rated at 7:1 for 12 cabinets and is compatible with the W8LM flying frame and lifting bar.

Following the constant directivity horn design philosophy of the W8L and the W8LC, the W8LMI is a three-way system that combines line array principles with innovative horn loading techniques to produce a next generation, small line array with maximum dynamic impact.

overall dimensions



technical specifications

TYPE	Three-way, compact line array element
FREQUENCY RESPONSE (5)	60Hz-18kHz ± 3dB
DRIVERS: LF + MF Section	8" (200mm)/2" (50mm) voice coil, reflex-loaded direct radiator
HF Section	8" (200mm)/2" (50mm) voice coil, neodymium driver, front horn loaded, rear reflex loaded
RATED POWER (2)	2 x 1" (25mm) exit HF compression drivers, horn loaded
LF + MF: 400W AES, 1600W peak	
HF: 75W AES, 300W peak	
Passive: 400W AES, 1600W peak	
SENSITIVITY (6)	LF + MF: 100dB
	HF: 106dB
	Passive: 99dB rising to 105dB at HF
MAXIMUM SPL	LF + MF: 125dB continuous, 131dB peak
(calculated @ 1m)	HF: 125dB continuous, 131dB peak
	Passive: 124dB continuous, 130dB peak
NOMINAL IMPEDANCE	LF + MF: 12 ohms
	HF: 12 ohms
	Passive: 12 ohms
DISPERSION (-6dB)	100° horizontal (down to 800Hz), 120° horizontal (down to 700Hz) @ -10dB 7.5° vertical
CROSSOVER	300Hz passive, 2.2kHz active or passive
ENCLOSURE	Vertical trapezoid with 3.75° wall angle, multi-laminate birch ply construction
FINISH	Textured paint
PROTECTIVE GRILLE	Perforated steel
CONNECTORS	2 x Neutrik NL4
DIMENSIONS	(W) 620mm x (H) 243mm x (D) 400mm (W) 24.4ins x (H) 9.57ins x (D) 15.75ins
WEIGHT	29kg (64lbs) (including rigging hardware)

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